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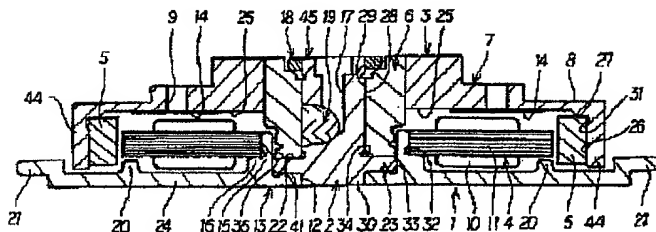
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APPLICANT : NIPPON DENSAN CORP;

INVENTOR : INOHARA SHOZO;

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TITLE : SPINDLE MOTOR



ABSTRACT : PURPOSE: To raise reliability, and also, downsize a motor by preventing the leakage of lubricant fluid in a dynamic-pressure bearing part by simple constitution.

CONSTITUTION: This spindle motor has a fixed pole, which has a cylindrical periphery an annular collar, which is extended outward substantially vertically from one end of this fixed pole, a sleeve member 6, which is made in roughly cylindrical shape and is set around the fixed pole, and one end of which is received by the collar, and a rotor hub 7, which is fixed to this sleeve member 6 and to which rotating load is applied. Dynamic-pressure bearings by liquid lubricant are provided between the sleeve member 6 and the fixed pole and between one end of the sleeve member 6 and the collar. A annular member is provided at the other end of the fixed pole. By this annular member, the axial shifting of the sleeve member is regulated. And, a labyrinth seal is constituted of the annular member and the sleeve member 6, and this prevents the leakage of the fluid lubricant.

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